

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	("6525230") or ("6472572") or ("6462243") or ("5998679") or ("5334777") or ("5243098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/11 18:35
L2	4094	((568/671) or (568/694) or (568/695) or (568/895) or (568/896) or (568/840) or (423/463) or (423/491) or (423/593) or (423/594) or (423/595) or (423/598) or (423/599)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/11 18:37
L3	444313	methane or alkane or ethane or propane or butane or pentane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 18:38
L4	69349	metal\$4 near2 halide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 18:38
L5	61	I2 and I3 and I4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 18:39
L6	1654349	oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 18:39
L7	37	I5 and I6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:28
L8	37	waycullis.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:29
L9	16	I3 and I8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:34

L10	177614	bromine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:35
L11	4510	I3 and I4 and I6 and I10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:35
L12	4046520	oxygen or air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:36
L13	3879	I11 and I12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:38
L14	44567	(reduced near2 metal) or (valence\$2 near2 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:39
L15	240	I13 and I14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:40
L16	1415336	alcohol or ether	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:40
L17	216	I15 and I16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:45
L18	4287620	water or steam or h2o!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 19:45
L19	208	I17 and I18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:35

L20	16	regenerat\$6 near5 bromide near2 salt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:43
L21	1	(second near2 bromide near2 salt) near10 bromine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:45
L22	363	(bromide near2 salt) near10 bromine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:46
L23	118	I3 and I22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:46
L24	116	I23 not I19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:47
L25	79	I6 and I24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:49
L26	3	I14 and I25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/11 20:48

10/750,984

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204RXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/IMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 21:04:00 ON 11 FEB 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

10/750,984

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 21:04:39 ON 11 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 9 FEB 2006 HIGHEST RN 873916-87-1
DICTIONARY FILE UPDATES: 9 FEB 2006 HIGHEST RN 873916-87-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

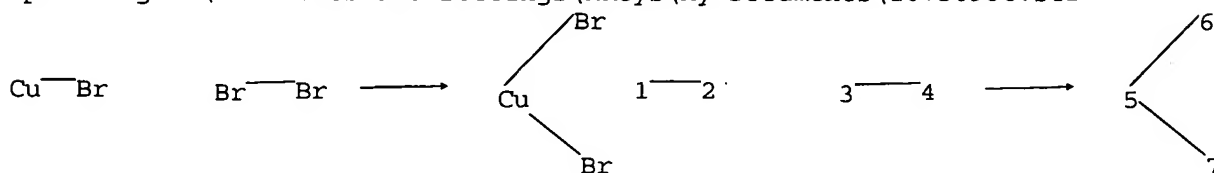
<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Documents and Settings\RKeys\My Documents\10750984.str



chain nodes :
1 2 3 4 5 6 7
chain bonds :
1-2 3-4 5-6 5-7
exact bonds :
1-2 3-4 5-6 5-7

10/750,984

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS

fragments assigned product role:

containing 5

fragments assigned reactant/reagent role:

containing 1

containing 3

L1 STRUCTURE UPLOADED

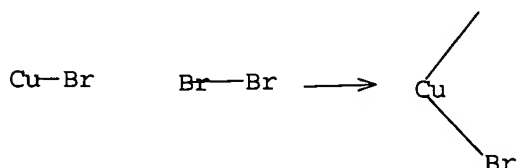
=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L2 QUE L1

=> file reaction

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.44

0.65

FILE 'CASREACT' ENTERED AT 21:04:58 ON 11 FEB 2006

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CHEMINFORMRX' ENTERED AT 21:04:58 ON 11 FEB 2006

COPYRIGHT (C) FIZ-CHEMIE BERLIN

FILE 'DJSMONLINE' ENTERED AT 21:04:58 ON 11 FEB 2006

COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'PS' ENTERED AT 21:04:58 ON 11 FEB 2006

COPYRIGHT (C) 2006 Thieme on STN

=> s 12

SAMPLE SEARCH INITIATED 21:05:03 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM

0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS

0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

10/750,984

SAMPLE SEARCH INITIATED 21:05:05 FILE 'CHEMINFORMRX'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED VERIFICATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

FULL SEARCH INITIATED 21:05:07 FILE 'DJSMONLINE'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL SEARCH INITIATED 21:05:09 FILE 'PS'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

L3 0 L2

=> s l2 ful

FULL SEARCH INITIATED 21:05:14 FILE 'CASREACT'
SCREENING COMPLETE - 14 REACTIONS TO VERIFY FROM 4 DOCUMENTS

100.0% DONE 14 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL SEARCH INITIATED 21:05:15 FILE 'CHEMINFORMRX'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.02

FULL SEARCH INITIATED 21:05:18 FILE 'DJSMONLINE'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL SEARCH INITIATED 21:05:19 FILE 'PS'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

L4 0 L2

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	362.09	362.74

FILE 'CAPLUS' ENTERED AT 21:05:35 ON 11 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 11 Feb 2006 VOL 144 ISS 8
FILE LAST UPDATED: 10 Feb 2006 (20060210/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s bromine and bromide salt

50444 BROMINE
259443 BROMIDE
757227 SALT
560 BROMIDE SALT
(BROMIDE(W) SALT)

L5 37 BROMINE AND BROMIDE SALT

=> d 1-37 ti

L5 ANSWER 1 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Catalytic conversion of alkanes into liquid oxygenates

L5 ANSWER 2 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Enrichment of **Bromine** in Sea-Bittern with Recovery of Other Marine Chemicals

L5 ANSWER 3 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Green technology in organic synthesis: Environmentally friendly waste free bromination of substituted acetophenones, benzocyclic ketones, and aromatic compounds

L5 ANSWER 4 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI New Conformations and Binding Modes in Halogen-Bonded and Ionic Complexes of 2,3,5,6-Tetra(2'-pyridyl)pyrazine

L5 ANSWER 5 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Zeolite catalyzed Waste-free Bromination of Aromatic Compounds

L5 ANSWER 6 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Method to inhibit growth of microorganisms in aqueous systems and on substrates using a persulfate and a bromide

L5 ANSWER 7 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Production method of bromo substitution azetidinone chemical compound

L5 ANSWER 8 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of stabilized active **bromine** biocide solutions

L5 ANSWER 9 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Control of Pseudomonas aeruginosa biofilms with **bromine**-based microbicides

- L5 ANSWER 10 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Effect of Temperature on Local Structure in Poly(ethylene oxide)-Zinc Bromide Salt Complexes
- L5 ANSWER 11 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Equilibrium and Kinetics Studies of Reactions of Manganese Acetate, Cobalt Acetate, and Bromide Salts in Acetic Acid Solutions
- L5 ANSWER 12 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sulfamate stabilization of a **bromine** biocide in water
- L5 ANSWER 13 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI High-yield (meth)acrylate ester monomer preparation using alkali metal alkoxides as transesterification catalysts and bromide salts as polymerization inhibitors
- L5 ANSWER 14 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Carbonylation process and supported rhodium catalysts for the preparation of carboxylic acids from alkenes
- L5 ANSWER 15 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Complexes of the (1R)-(+)-camphor azine diphosphines Z,Z-3,3'-Ph₂PnCl₁₀H₁₅=N-N=C₁₀H₁₅PxPh₂ and Z,Z-3,3'-Ph₂PxCl₁₀H₁₅=N-N=C₁₀H₁₅PxPh₂ (x = exo, n = endo) with Group 6 metal carbonyls: crystal structures of the ligands and fac-[W(CO)₃(E,Z-Ph₂PxCl₁₀H₁₅=N-N=C₁₀H₁₅PxPh₂)]
- L5 ANSWER 16 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Formation of Bromocarbenium Bromide Ion Pairs in the Electrophilic Bromination of Highly Reactive Olefins in Chlorinated Aprotic Solvents
- L5 ANSWER 17 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Continuous process for the manufacture of terephthalic acid of monomer purity by liquid-phase catalytic oxidation of p-xylene
- L5 ANSWER 18 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Continuous process for the manufacture of isophthalic acid of monomer purity by liquid-phase catalytic oxidation of m-xylene
- L5 ANSWER 19 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI The effect of pyridine ring functionalization on the conductivity of crosslinked CO-poly(styrene-4-vinylpyridine) derivatives
- L5 ANSWER 20 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Effect of LiClO₄ and the nature of the verdazyl indicator on the heterolysis rate of benzylidene bromide in acetonitrile
- L5 ANSWER 21 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Face Selection in Additions to the Trigonal C₂ Site in Quaternized 5-Azaadamantane Derivatives
- L5 ANSWER 22 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Charge Transfer Salts of Benzene-Bridged 1,2,3,5-Dithiadiazolyl Diradicals. Preparation, Structures, and Transport Properties of 1,3- and 1,4-[(S₂N₂C)₆H₄(CN₂S₂)] [X] (X = I, Br)
- L5 ANSWER 23 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Temperature gradient batteries
- L5 ANSWER 24 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI A chemical model for the Amoco "MC" oxygenation process to produce terephthalic acid

10/750,984

L5 ANSWER 25 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Method for the preparation of 4-alkoxy-2-halomethyl-4-methyltetrahydrofurans

L5 ANSWER 26 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Development of the zinc/**bromine** battery at Johnson Controls, Inc.

L5 ANSWER 27 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Bromine** surface treatment of photosensitive elastomeric flexographic printing plates

L5 ANSWER 28 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Bromine** surface treatment of photosensitive elastomeric flexographic printing plates

L5 ANSWER 29 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Metal bromides

L5 ANSWER 30 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Commensurate Peierls transition in a quasi-one-dimensional compound: the **bromide salt** of tetrathiafulvalene (TTF)

L5 ANSWER 31 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Production of inorganic chlorides and bromides

L5 ANSWER 32 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Bromine**

L5 ANSWER 33 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Bromine** addition to chloronorbornene derivatives

L5 ANSWER 34 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Bromine** sanitization of waters

L5 ANSWER 35 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of amines by catalytic reaction of terminal olefins with hydrogen bromide

L5 ANSWER 36 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI Bimolecular displacement reactions. I. Reaction of endonorbornanol and 7-norbornanol with triphenylphosphine and **bromine**

L5 ANSWER 37 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
TI The reaction of **bromine** with 9-acetylfluorene

=> d 1,29,31 bib ab

L5 ANSWER 1 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2006:36833 CAPLUS
DN 144:110145
TI Catalytic conversion of alkanes into liquid oxygenates
IN Waycuilis, John J.
PA USA
SO U.S. Pat. Appl. Publ., 12 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

 PI US 2006009662 A1 20060112 US 2004-750984 20040102
 PRAI US 2004-750984 20040102

AB A process is described for converting an alkane into an oxygenated product by passing an alkane gas over a first fixed bed containing a higher valence **bromide salt** to produce an alkyl bromide, a hydrobromic acid, and a lower valence **bromide salt**. The alkyl bromide and hydrobromic acid are conveyed as a gas to a second fixed bed containing a metal oxide and are passed over the second fixed bed to produce the first **bromide salt** and the oxygenated product. The metal oxide in the second fixed bed is regenerated by passing oxygen over the second fixed bed producing the metal oxide and **bromine**. The **bromine** is conveyed as a gas from the second fixed bed to the first fixed bed. The first **bromide salt** of the first fixed bed is regenerated by passing the **bromine** over the first fixed bed producing the first **bromide salt**. Process flow diagrams are presented.

L5 ANSWER 29 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1981:142066 CAPLUS
 DN 94:142066
 TI Metal bromides
 IN Keblys, Kestutis A.
 PA Ethyl Corp., USA
 SO U.S., 4 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4248850	A	19810203	US 1979-15067	19790226
PRAI	US 1979-15067	A	19790226		

AB Metal bromides, especially alkali metal and alkaline earth bromides, are manufactured from the basic metal compound and Br₂ in the presence of HCHO added as a reducing agent. Thus, a slurry of slaked lime 151.9 g in tap water 221.1 g was treated initially with a portion of a 37.4% formalin solution 80.1 g and then the Br₂ (303.6 g) flow was started, both reagents being added simultaneously but the HCHO at a slightly faster rate. After filtration at 90° the product was 642 g of solution at pH 5.6.

L5 ANSWER 31 OF 37 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1980:474902 CAPLUS
 DN 93:74902
 TI Production of inorganic chlorides and bromides
 AU Lebedev, O. V.; Artamonov, Yu. F.
 CS USSR
 SO Khimicheskaya Promyshlennost (Moscow, Russian Federation) (1980), (1), 35-6
 CODEN: KPRMAW; ISSN: 0023-110X
 DT Journal
 LA Russian
 AB An apparatus and method are proposed for the synthesis of highly concentrated or saturated solns. of metal bromides and chlorides by the reaction of a metal salt or hydroxide with NH₃ and Br₂ or Cl₂. The method was used for the preparation of bromides and chlorides of NH₄, Li, Na, K, Rb, Mg, Ca, Ba, Gd, Cu, Zn, Pb, Y, Cd, Fe, and Al.

10/750,984

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	29.04	391.78
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.25	-2.25

STN INTERNATIONAL LOGOFF AT 21:09:07 ON 11 FEB 2006